

WHAT IS CLAIMED IS:

1. A printing apparatus comprising:
one or more recording components which are operative upon a recording member for use in recording an image, upon the recording member;
the recording member upon which an image is formed, the recording member being moved in a process path during which movement information is recorded on the recording member by operation of the one or more recording components used in recording;
an access door cover openable for providing access to a serviceperson to the one or more recording components and/or recording member;
a blower establishing an air path of cooling air within the apparatus, the air path having a substantial current flowing in a direction transverse to the process path and over or about the recording member and/or the one or more recording components towards the access door cover; and
wherein the blower, upon opening of the access door cover, establishes a substantial airflow path of air from directly outside the access door cover into the apparatus so as to substantially reduce flow of contaminated air from the apparatus towards the serviceperson.
2. The printing apparatus of claim 1 and wherein the blower is located near the top of the printing apparatus and establishes an airflow path from the bottom of the apparatus upwardly and transversely across the process path.
3. The printing apparatus of claim 2 and wherein electrical controllers for the apparatus are mounted vertically and the airflow path that is in an upward direction passes over the electrical controllers to cool same.
4. The printing apparatus of claim 3 and wherein the access door cover is provided with an air conveying duct that is integral with and moves with the door cover, and a portion of the air path moves within the duct.
5. The printing apparatus of claim 2 and wherein the access door cover is provided with an air conveying duct that is integral with and moves with the door

cover, and a portion of the air path moves within the duct.

6. The printing apparatus of claim 1 and wherein the access door cover is provided with an air conveying duct that is integral with and moves with the door cover, and a portion of the air path moves within the duct.

7. The printing apparatus of claim 6 and wherein the duct is in a median portion of the apparatus between the top and bottom portions thereof.

8. The printing apparatus of claim 1 and wherein the apparatus includes a temperature sensor.

9. The printing apparatus of claim 1 and wherein the apparatus includes a relative humidity sensors.

10. The printing apparatus of claim 1 and wherein the apparatus includes a humidifier.

11. A printing method comprising:

moving a recording member in a process path within a printing apparatus during which movement information is recorded on the recording member by operation of one or more recording components used in recording;

operating a blower to establish an air path of air within the apparatus, the air path having a substantial current flowing in a direction transverse to the process path and over or about the recording member and/or the one or more recording components and towards an access door cover that is openable for providing access to a serviceperson to the one or more recording components and/or recording member; and

wherein the blower, upon opening of the access door cover, establishes a substantial airflow path of air from directly outside the access door cover into the apparatus so as to substantially reduce flow of contaminated air from the apparatus towards the serviceperson.

12. The printing apparatus of claim 11 and wherein the blower is located near

the top of the printing apparatus and establishes an airflow path from the bottom of the apparatus upwardly and transversely across the process path.

13. The printing apparatus of claim 12 and wherein electrical controllers for the apparatus are mounted vertically and the airflow path that is in an upward direction passes over the electrical controllers to cool same.

14. The printing apparatus of claim 11 and wherein airflow passes through a duct on the door cover when the door cover is closed.

15. The method according to claim 11 and including moving air over a temperature sensor.

16. The method according to claim 11 and including moving air over a humidity sensor.

17. The method according to claim 11 and including operating a humidifier to add humidity to air in the airflow.